ai Application No PCT/EP 03/05801

A. CLASSIFICATION OF SUBJECT MATTER
1PC 7 C07F9/53 C07F9/6568

C07F9/28

C08F2/50

G03F7/029

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07F C08F G03F

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where pradical, search terms used)

CHEM ABS Data

Category °	Citation of document, with indication, where appropriate, of the	elevant passages	Relevant to claim No.
X	US 2001/031898 A1 (JEAN-PIERRE N 18 October 2001 (2001-10-18) cited in the application page 55, compounds 17 and 18	NOLF)	1,9,10
X	EP 0 601 413 A (BASF AG) 15 June 1994 (1994-06-15) examples IA,IB		2,9,10
X	EP 0 007 508 A (BASF AG) 6 February 1980 (1980-02-06) page 10, line 25; example 5		2,9,10
X	DE 22 45 817 A (DYNAMIT NOBEL A) 28 March 1974 (1974-03-28) examples 1-7	G)	2,9
X Furt	her documents are listed in the continuation of box C.	X Patent family members are listed	in annex.
'A' docume consider filing of the docume which cliation of there is the constant of the consta	ategories of cited documents: ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the International date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another on or other special reason (as specified) sent referring to an oral disclosure, use, exhibition or means ent published prior to the international filling date but han the priority date claimed	"T" later document published after the inte or priority date and not in conflict with cited to understand the principle or th invention "X" document of particular relevance; the or cannot be considered novel or cannot involve an inventive step when the do- "Y" document of particular relevance; the or cannot be considered to involve an in document is combined with one or re- ments, such combination being obvious in the art. "&" document member of the same patent	the application but early underlying the claimed Invention to considered to cournent is taken alone claimed invention ventive step when the pre other such docuus to a person skilled
	actual completion of the international search September 2003	Date of mailing of the international se	arch report
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Beslier, L	



Intermal Application No
PCT/EP 03/05801

		PCT/EP 03/05801
C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
х	BARRON A.R. ET AL.: "Cyclic carboxylic monophosphides: a new class of phosphorus heterocycle" JOURNAL OF THE CHEMICAL SOCIETY, CHEMICAL COMMUNICATIONS., no. 23, - 1 December 1987 (1987-12-01) pages 1753-1754, XP002253683 CHEMICAL SOCIETY. LETCHWORTH., GB ISSN: 0022-4936 scheme 1	5
A	EP 0 413 657 A (CIBA-GEIGY AG) 20 February 1991 (1991-02-20) the whole document	5,10
P,X	MACARIE L. ET AL.: "Tereftaloilbis (fosfonati) utilizati ca fotoinitiatori de polimerizare radicalica" REVISTA DE CHIMIE, vol. 53, no. 7, - 31 July 2002 (2002-07-31) pages 568-571, XP008021220 BUCHAREST, RO ISSN: 0034-7752 the whole document	1,9,10

•

Internal al Application No PCT/EP 03/05801

					03/ 03801
Patent document sited in search report		Publication date		Patent family member(s)	Publication date
US 2001031898	A1	18-10-2001	BE	1013960 A3	14-01-2003
00 2001001000	/_	10 10 2001	BR	0100910 A	02-10-2001
			CA	2334291 A1	08-08-2001
			CN	1308081 A	15-08-2001
			DE	10105046 A1	09-08-2001
			FR	2804683 A1	10-08-2001
			GB	2360283 A ,B	19-09-2001
			IT	MI20010242 A1	07-08-2002
			JP	2001270894 A	02-10-2001
			NL	1017310 C2	18-06-2002
			NL	1017310 C2 1017310 A1	09-08-2001
			US	2002107413 A1	08-08-2002
				ZUUZIU/413 MI	00-00-2002
EP 601413	Α	15-06-1994	DE	4240964 A1	09-06-1994
			CA	2110631 A1	06-06-1994
			DE	59309939 D1	02-03-2000
			EP	0601413 A1	15-06-1994
			ES	2142329 T3	16-04-2000
			JP	6247992 A	06-09-1994
			US 	5410060 A	25-04-1995
EP 7508	Α	06-02-1980	DE	2830927 A1	31-01-1980
			DE	2909992 A1	02-10-1980
			DE	2909994 A1	02-10-1980
			CA	1138877 A1	04-01-1983
			DE	2965566 D1	07-07-1983
			DK	171353 B1	16-09-1996
			DK	436582 A	01-10-1982
			DK	436682 A ,B,	01-10-1982
			EP	0007508 A2	06-02-1980
			ES	482450 A1	01-04-1980
			FΙ	792196 A ,B,	15-01-1980
			FΪ	840240 A ,B,	20-01-1984
			JР	1492344 C	20-04-1989
			JP	55015471 A	02-02-1980
			JP	63040799 B	12-08-1988
			NO	792333 A	15-01-1980
			NO	841028 A ,B,	15-01-1980
			NO	841028 A ,B,	15-01-1980 15-01 - 1980
				041029 M ,D,	
			116.	77277777	
			US	4324744 A	13-04-1982
			CA	1129703 A1	17-08-1982
			CA DE	1129703 A1 2967111 D1	17-08-1982 16-08-1984
			CA DE EP	1129703 A1 2967111 D1 0059988 A1	17-08-1982 16-08-1984 15-09-1982
			CA DE EP US	1129703 A1 2967111 D1 0059988 A1 4292152 A	17-08-1982 16-08-1984 15-09-1982 29-09-1981
			CA DE EP US US	1129703 A1 2967111 D1 0059988 A1 4292152 A 4385109 A	17-08-1982 16-08-1984 15-09-1982 29-09-1981 24-05-1983
			CA DE EP US US CA	1129703 A1 2967111 D1 0059988 A1 4292152 A 4385109 A 1129422 A1	17-08-1982 16-08-1984 15-09-1982 29-09-1981 24-05-1983 10-08-1982
			CA DE EP US US CA DE	1129703 A1 2967111 D1 0059988 A1 4292152 A 4385109 A 1129422 A1 2967264 D1	17-08-1982 16-08-1984 15-09-1982 29-09-1981 24-05-1983 10-08-1982 22-11-1984
			CA DE EP US US CA DE EP	1129703 A1 2967111 D1 0059988 A1 4292152 A 4385109 A 1129422 A1 2967264 D1 0057474 A2	17-08-1982 16-08-1984 15-09-1982 29-09-1981 24-05-1983 10-08-1982 22-11-1984 11-08-1982
			CA DE EP US CA DE EP US	1129703 A1 2967111 D1 0059988 A1 4292152 A 4385109 A 1129422 A1 2967264 D1 0057474 A2 4298738 A	17-08-1982 16-08-1984 15-09-1982 29-09-1981 24-05-1983 10-08-1982 22-11-1984 11-08-1982 03-11-1981
			CA DE EP US US CA DE EP	1129703 A1 2967111 D1 0059988 A1 4292152 A 4385109 A 1129422 A1 2967264 D1 0057474 A2	17-08-1982 16-08-1984 15-09-1982 29-09-1981 24-05-1983 10-08-1982 22-11-1984 11-08-1982
DE 2245817	A	28-03-1974	CA DE EP US CA DE EP US	1129703 A1 2967111 D1 0059988 A1 4292152 A 4385109 A 1129422 A1 2967264 D1 0057474 A2 4298738 A	17-08-1982 16-08-1984 15-09-1982 29-09-1981 24-05-1983 10-08-1982 22-11-1984 11-08-1982 03-11-1981
DE 2245817 EP 413657	A	28-03-1974 20-02-1991	CA DE EP US US CA DE EP US DE DD	1129703 A1 2967111 D1 0059988 A1 4292152 A 4385109 A 1129422 A1 2967264 D1 0057474 A2 4298738 A 4710523 A	17-08-1982 16-08-1984 15-09-1982 29-09-1981 24-05-1983 10-08-1982 22-11-1984 11-08-1982 03-11-1981 01-12-1987
			CA DE EP US CA DE EP US CA DE DD DE	1129703 A1 2967111 D1 0059988 A1 4292152 A 4385109 A 1129422 A1 2967264 D1 0057474 A2 4298738 A 4710523 A 2245817 A1 298405 A5 59010615 D1	17-08-1982 16-08-1984 15-09-1982 29-09-1981 24-05-1983 10-08-1982 22-11-1984 11-08-1982 03-11-1981 01-12-1987
			CA DE EP US CA DE EP US OD DE EP	1129703 A1 2967111 D1 0059988 A1 4292152 A 4385109 A 1129422 A1 2967264 D1 0057474 A2 4298738 A 4710523 A 2245817 A1 298405 A5 59010615 D1 0413657 A2	17-08-1982 16-08-1984 15-09-1982 29-09-1981 24-05-1983 10-08-1982 22-11-1984 11-08-1982 03-11-1981 01-12-1987
			CA DE EP US CA DE EP US CA DE DD DE	1129703 A1 2967111 D1 0059988 A1 4292152 A 4385109 A 1129422 A1 2967264 D1 0057474 A2 4298738 A 4710523 A 2245817 A1 298405 A5 59010615 D1	17-08-1982 16-08-1984 15-09-1982 29-09-1981 24-05-1983 10-08-1982 22-11-1984 11-08-1982 03-11-1981 01-12-1987



Information on patent family members

Internation Application No PCT/EP 03/05801

				00, 00001
Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 413657 A	<u></u>	JP	2973130 B2	08-11-1999
		JP	3101686 A	26-04-1991
		KR	168328 B1	20-03-1999
		KR	168316 B1	30-03-1999
		RU	2071610 C1	10-01-1997
		RU	2057759 C1	10-04-1996
		ÜS	5218009 A	08-06-1993